

# AVR-1912

Integrated Network AV Surround Receiver

**100<sup>th</sup>**  
*Anniversary*  
 since 1910

# DENON

## Supports AirPlay and Network Functions, and 3D Video, too

When connected to a TV and Blu-ray disc player that supports 3D video, the AVR-1912 7.1-channel HD-Audio receiver lets you enjoy a 3D theater environment with exciting video images and dynamic surround sound. This receiver is equipped with network functions that let you enjoy a wide variety of online digital content or your favorite genres of music at any time. It also supports AirPlay so that you can stream music from your iPad, iPhone or iPod touch, or from the iTunes music library. With the Denon Remote App installed on your iPad, iPhone or iPod touch, you can also perform basic operations such as turn the AVR-1912's power on or off, adjust the volume, and switch sources.



### Features

#### New Features

- Supports AirPlay®
- Enhance network capability<sup>(1)</sup>
  - Internet Radio and network audio/photo streaming via Ethernet
  - Pandora, flickr, Napster and Rhapsody online support
  - 'Party Mode Plus'
  - FLAC HD, High-resolution audio format
  - Compatible with Windows® 7
  - web control
- Supports "Denon Remote App" to simplify operation by an iPhone/ iPod touch
- Quick select, easy access to internet radio from front panel and remote control unit
- Setup Wizard, providing easy-to-follow setup instructions
- Easy operation, Graphical User Interface
- GUI overlay on HDMI Source
- 6-HDMI inputs and 1-output

#### State-of-the-art Denon Solutions for Maximizing Content Quality

- Fully discrete, identical quality and power for all 7 channels (90 W x 7ch)
- Stable power supply for high-quality sound and picture playback
- Featuring 3D pass-through technology
- High definition audio support, Dolby TrueHD and DTS-HD Master Audio
- Supports Dolby Pro Logic IIz processing

#### Connectivity & Future-ready Expandability

- Supports HDMI (V.1.4a with 3D, Audio Return Channel), Deep Color, "x.v.Color", Auto Lipsync and HDMI control function
- Direct play for iPod® and iPhone® via USB
- Power Amp Assign function, for versatility in using the AVR-1912 for different purpose (Surround Back, Front Height, Zone 2, Bi-Amp, Front Speaker B)

#### Ease-of-Use

- Audyssey Dynamic Volume®, for real-time volume adjustment
- Audyssey MultEQ® and Auto Setup
  - Tower type microphone for more accurate measuring
  - Up to six measurement points
  - High level resolution filters for satellite speakers and also subwoofer

#### Others

- Lower power consumption at stand-by 0.1 W (Standby)



## State-of-the-art Denon Solutions for Maximizing Content Quality

- Fully discrete, identical quality and power for all 7 channels (90 W x 7ch)

To faithfully reproduce the original surround sound, each of the AVR-1912's 7 channels is equipped with the same power amp of equal power. Since these power amps also use discrete circuits configured with parts strictly selected for their contribution to high sound quality, rather than with low-cost integrated circuits (ICs), the surround sound playback is of impeccably high quality.

- Featuring 3D pass-through technology

By connecting a 3D-compliant Blu-ray disc player and 3D-compliant TV to the AVR-1912, you will have a 3D home theater where you can enjoy high-definition sound and video on a level you've never experienced before.

- High-definition audio support

The AVR-1912 has a decoder that supports Dolby TrueHD, the audio format of Blu-ray disc players, and DTS-HD Master Audio, another high-grade digital audio format.

- Dolby Pro Logic IIz

To let you enjoy an even richer spatial expression, the AVR-1912 is equipped with a Dolby Pro Logic IIz processor. By connecting Front Height speakers and using Dolby Pro Logic IIz playback, you will be able to enjoy surround sound in the vertical as well as horizontal direction.

- Minimum Signal Path for clear audio and video signal

The "simple and straight" design concept has been thoroughly implemented in the signal paths to contribute to immaculately clean audio and video playback. Signal paths are as short as possible to keep signal degradation in the audio and video circuitry to an absolute minimum

- Direct Mechanical Ground Construction, embodying concepts for thorough vibration resistance

Vibration-resistant construction has been reviewed to thoroughly suppress the adverse influences of vibration on sound quality. The power transformers, a source of vibration, have been securely mounted on the highly rigid bottom chassis. Direct mounting of cast-iron feet to the radiator in near proximity to each other serves to suppress mutual vibration with the power transformers and other sources of vibration.

- Compressed Audio Restorer to enhance digital music files

## Connectivity & Future-ready Expandability

- Supports AirPlay

- Internet Radio and network audio / photo streaming via Ethernet

When connected to a network, the AVR-1912 can play audio files and still images such as photographs that are stored on your computer. You can also listen to internet radio and a host of other online music sources that use network technology. The AVR-1912 also supports AirPlay that lets you stream your music library from an iPhone, iPad, iPod touch, or iTunes.

- Supports HDMI (V1.4a with 3D, Audio Return Channel), Deep Color, "x.v.Color", Auto Lipsync and HDMI control function

- Direct play for iPod and iPhone via USB

You can also listen to music files from your iPod by simply connecting it to the AVR-1912's USB port with the USB cable that came with the iPod. To start play, just press the iPod Play button on the AVR-1912 or its remote control unit. Digital signals from the iPod are transmitted as is to the AVR-1912 where they pass through the compressed audio restorer and are processed by advanced audio circuitry to produce a clean, high-quality sound.

- Power Amp Assign function, for versatility in using the AVR-1912 for different purposes

The AVR-1912 supports up to 7.1 channels (FL/ FR/ C/ SL/ SR/ SBL/ SBR/ SW) for surround playback defined by the Blu-ray disc format. To enjoy surround playback with the AVR-1912's Dolby Pro Logic IIz, you can reassign the power amp from the two surround back channels (SBL/SBR) to the two front height channels (FHL/FHR). Or by assigning the SBL/SBR power amp to Zone 2, you can enjoy multi-room audio playback, or to achieve higher-quality sound for 2-channel stereo playback, you can configure the AVR-1912 for front bi-amp operation. These are just some of the ways you can arrange the AVR-1912's amps to suit various listening styles.

## Ease-of-use

- Setup Wizard, providing easy-to-follow setup instructions

First select the language when prompted. Then simply follow the instructions displayed on the TV screen to set up the speakers, network, and so on.



- Easy operation, Graphical User Interface
- GUI overlay on HDMI Source
- Pre memory remote control handset with Glo-Key
- Remote Setup Guidance
- Auto surround mode
- Sleep timer function
- Audio Delay function (max. 6 frames or 200 msec)
- Muting level settings (Full/-40dB/-20dB)
- Audio level memory, capable of correcting different signal levels for each input device
- Variable subwoofer crossover switching

\*1) Requires contract with Internet service provider

## Ports

In		
HDMI		x 6
Component		x 1
S-Video		x 1
Composite (video) (included front 1)		x 3
Analog Audio (included front 1)		x 6
Digital Optical		x 1
Digital Coaxial		x 1
Out		
HDMI Monitor		x 1
Composite Monitor		x 1
Audio Preout (SW)		x 1
Phones		x 1
Other		
Ethernet		x 1
USB port		x 1
Microphone Port		x 1
Dock Control Port		x 1
FM Tuner Antenna		x 1
AM Tuner Antenna		x 1

Main Specifications	
Power amplifier section	
Rated output	*THD figures are power amp stage values.
Front L/R	90 W + 90 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W + 125 W (6 ohms, 1 kHz, THD 0.7 %)
Center	90 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W (6 ohms, 1 kHz, THD 0.7 %)
Surround L/R	90 W + 90 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W + 125 W (6 ohms, 1 kHz, THD 0.7 %)
Surround Back L/R	90 W + 90 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W + 125 W (6 ohms, 1 kHz, THD 0.7 %)
Preamplifier section	
Input sensitivity/impedance	200 mV / 47 kohms
Frequency response	10 Hz ~ 100 kHz -- +1, -3 dB (DIRECT mode)
S/N Ratio	100 dB (IHF-A weighted, DIRECT mode)
FM section	
Tuning frequency range	87.5 - 107.9 MHz
AM section	
Tuning frequency range	520 - 1710 kHz
General	
Power supply	AC 120 V, 60 Hz
Power consumption	460 W (Standby 0.1 W, CEC standby 3 W)
Dimensions (W x H x D)	17-1/8" x 6-3/8" x 15-3/64"
Weight	22 lbs 7.8 oz, 10.2 kg



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